

Amendments to the Specification

Please amend paragraph [0054] as follows:

[0054] In one embodiment of the invention, components of configurable vibration sensor 10 are enclosed within enclosure 20 such that only digital communications interface 62 and power regulator 80 can be accessed externally. Where implemented, enclosure 20 may also provide access to the output of digital-to-analog converter 60. For example, enclosure 20 can encompass the components with a hermetic seal through which only power and digital communications with the components by external devices are capable. Reducing the number of external ties through enclosure 20 is beneficial both in terms of usability and reliability, since fewer access points to the internal elements of configurable vibration sensor 10 can decrease the likelihood that hazardous material from the external environment may interfere with the operation of configurable vibration sensor 10.

Please amend paragraph [0071] as follows:

[0071] Digital vibration data ~~50~~ 100 may also be transmitted either in real-time or from a cache in RAM 46 to the personal computer through communications logic circuit 130 and communications interface 62.